

ABSTRACT

Promoter sequences of the optineurin gene can be used to diagnose, prognose, and treat glaucoma and related disorders. Methods, kits, and nucleic acids capable of detecting or containing polymorphisms located within the promoter region of the optineurin gene are also provided. The promoter sequences can also be used to generate cells, vectors, and nucleic acids useful in a variety of diagnostic and prognostic methods and kits as well as therapeutic compounds, compositions and methods.